ENT BOOK

Dimensions			Cont	Reference to last Measurement
h	Breadth 5	Depth 6	7	8
		Total Rs.	5,45,327-00	
		IT-	5453-00	
		Cess-	5453-00	
		CBF-	545-00	
		Adj-	11451+	
		Cheque	5,33,876-	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 262938

Serial No. 1st & Final Bill
Name of Work Repairs to Anjanapura bridge in ward no.8. Kadigehalli
From ... To ...
Name of Contractor or nature of Agency Narasimhareddy. S.
Date of commencement of work ...

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Est. cost Rs. 5,00,000/-						
	ISS code no:- 008-17-00001/5						
	AS/No:- EB(BTP)/63/16-17, Dt: 14/12/2016						
	TS/No:- EB(BTP)/77/16-17. Dt: 14/12/2016						
	Work order no:- BBMP/EB/BTP/WO/2244/16-17, Dt: 15/03/2017						
	Date of Completion: 31/7/18 Recording						
1	Earthwork in surface excavation in ordinary soil for levelling and remove the ground manually (after from foundation of buildings, culverts, road drains & trenches of pipe lines and cesses) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m. excavated, Surface levelled and neatly dressed disposed						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Earth to be levelled after breaking of clods and ruby dressed as per Specifications. = Qty vide P.M ref TMB page No: 262999/2 7.66 m³ @ Rs 159.84/cum					Rs. 1192.0	
	(2) Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement 20 mm nominal size of down size graded rubble coarse aggregates @ 0.84 cum. of this aggregate @ 0.465 cum. machine mixed, concrete laid in layers not exceeding 15 cm, thereafter well consolidated in position including cost of all materials, labour, tools & machinery, curing, complete as per Sk. drawing. = Qty vide P.M ref TMB Page No: 262999						

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Serial No. .....
Name of Work ..... From..
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
		0.75 m³
	(3) providing and constructing ... substructure, with approved ... and six or less ... 1:6 including cost of materials ... complete as per Specifications ... Qty vide ...
	3.91 m³
	(4) providing and ...

ENT BOOK

Dimensions			Contents	Reference to last Measurement
gth	Breadth 5	Depth 6	7	8
			breaking of clods and ruby	
			Qty TMB	
			262999/2	
			Rate 159.84/cum	Rs. 1192.0
			...ing Plain cement concrete consisting of mix with proportion of coarse size graded @ 0.84 cum. of fine aggregate @ laid in layers not exceeding ...ed to level including cost of all ...ing, curing complete as per sk. ...P.M vide TMB	
			...ge No: 262999	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262939

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		0.75 m³	Rate	5139.94/cum		Rs	3854.0
	(3) providing and constructing burnt brick masonry for basement and substructure, with approved quality of new moulded bricks of standard size of class designation 3.5 nos per sqm with cement mortar 1:6 including cost of materials, labour, charges, scaffolding curing complete as per specification.						
	Qty vide P.M vide TMB						
	Page no: 262999						
	(4) ~~providing and casting concrete, shuttering, shuttering propping etc.~~	3.91 m³	Rate	6095.0/cum		Rs.	23831.0

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and renewal of damp proof course for floor finish including finishing, roofs, landings, balconies and steps, thickness, etc. complete as per specification. = Qty vide P.M ref DMR page no: 262999 4.00 mm Rs. 396.44/sqm Rs. 1586.00						
(5)	Supply and fix 24" x 24" @ 2 kg 1x1 = 1.00 / 1.00 each Rs. 1223.00 / each Rs. 1273.00						
(6)	Providing and laying cement concrete flooring or plain cement concrete work including ramps, all complete finishing to 200 mm (within average thickness of 15 cm)						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	:
(7)	providing and l quality of colour 12 mm thick cemen cement slurry mixi including finishin as per specifications

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

262940

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	= Qty vide P:M ref TMR Page no ÷ 262999/2 31.21 sqm @ Rs 54.06 per Sqm.					Rs. 1687.0	
(7)	providing and fixing vitrified tiles of approved make quality & colour, of size 600 x 600 x 100 mm thick, fixed on bed of 12 mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing, spacers, as required, in bond and cutting etc. complete as per specifications						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Hall =	1×1	5.40	3.95	=	21.33	
	Kitchen =	1×1	3.95	2.50	=	9.88	
						31.21 m²	
				846.00/Sqm			
				Rs. ~~1345.~~		Rs 26404.00	
	(8) Providing, Starting, Radoring, risers of steps with nibbi glazed tiles 6mm thick on 10mm thick cement plaster 1:3 (1 cement: 3 sand) mortar including cement slurry over existing rough plaster, surface using glazed tiles of approved colour, design and size including cost of materials, labour, complete as per specifications.						
	For Kitchen =	1×1	4.10	×	2.90 =	11.89	
	Toilet =	1×1	11.00	×	2.90 =	31.90	
						43.79 m²	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	(9) Providing and laying 25mm thick granite stone slab on 25mm thick cement plaster 1:3 (1 cement: 3 sand) mortar including cement slurry over existing rough plaster, surface using glazed tiles of approved colour, design and size including cost of materials, labour, complete as per specifications.
	For Kitchen = 1×1 3.95 × 2.50 = 9.88
	Toilet = 1×1 11.00 × 2.90 = 31.90
	41.78 m²
	@ 1345.00/Sqm
	Rs. 56194.00
	(10) Providing and laying 25mm thick granite stone slab on 25mm thick cement plaster 1:3 (1 cement: 3 sand) mortar including cement slurry over existing rough plaster, surface using glazed tiles of approved colour, design and size including cost of materials, labour, complete as per specifications.
	For Kitchen = 1×1 3.95 × 2.50 = 9.88
	Toilet = 1×1 11.00 × 2.90 = 31.90
	41.78 m²
	@ 1345.00/Sqm
	Rs. 56194.00

pth 6	Contents 7	Reference to last Measurement 8
	21.33	
	9.88	
	31.21 m²	
	Rs	26404.00
...g steps with side... ...m thick cement plas... ...shing over existing ...ation of approved ...materials, labour,		
...0 =	11.89	
...0 =	31.90	
	43.79 m²	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 262941

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		43.79 m²		Rate 734.00	/sqm	Rs.	278.00 32142
	(9) Providing and laying, Platform using Prefabricated walkway, cut/jang saw 40mm thick telephonic, Wade grailes laid on Existing rusted supports and fixing in CM 1:3, preparation including cutting to required shape, pattern, length, pakka joints including true rounding, for noseing. Finished with cement mortar pointed with colour pigments to match the colour, of slab including through jointing with scalers, making grooves in joint including curing. Holes 25mm x 12mm						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Hall =	1×1	4.00	×	0.60 =	2.46	
	Kitchen =	3×1	3.90	×	0.60 =	7.02	
						9.48m²	
					Rs 3768.30 /Sqm	Rs. 35723.0	
(10)	providing and fixing kitchen sink of size 600×450 mm with C.P brass chain with rubber plug, waste, top with union, brass stop cock, complete painting of fixings, and brackets, cutting of making good the wall & floor where required including cost of materials, labour, complete as per specifications.						
	For kitchen sink	1×1			=	1.0	
						1.0 unit	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(11)	providing and fixing wash basin with C.P brass taps, painting of making good including cost of specifications. For wash basin

BOOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
	0.60 =	2.46	
	0.60 =	7.02	
		9.48 m²	
30	/Sqm	Rs. 3572.0	
		of metals, stand time	
		with M.S/C.I brackets	
		plug. 32 mm C.P brass	
		stop cocks complete	
		brackets cutting of making	
		mm required including cost &	
		Rs Specifications.	
		= 1.00	
		1.00 unit	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262942

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1.00 unit	Rs 3666.54/unit			Rs. 3667.0	
(11)	Providing and fixing white vitreous, chair Clay flat back wash basin size 550 x 400 mm with. a pair of 15 mm c.p brass taps, painting of fittings, ad brackets cutting of making, good the wall of ad floor, including, cost of materials, labour, complete as Rs/Spec.	1x1				= 1.00	
	For wash basin		Rs 3770.54/unit			1.00 unit Rs. 3770.0	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1.	2	3	4	5	6	7	8
(12)	Providing and fixing white vitreous china, floor mounted, Indian type (squatting pan) of size 580mm x 440mm with footrest, 100mm S/P trap 10 litre capacity, P.V.C flushing cistern (all are approved make) with fittings, C.I/MS brackets 32mm diameter flush pipe with bends and clamps, couplers, arrangements with spreader and 32mm mosquito proof coupling of approved design. Painting of fittings and brackets, making good the wall any floor, where required including cost of materials, labour, complete as per specifications.	1x1				= 1.00 / 1.00 NO	

Water Closet

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(13)	Removing white wash [illegible] including repairs to [illegible] one side = [illegible] both side Hall = [illegible]

K

Depth 6	Contents 7	Reference to last Measurement 8
...ecing. claims clay, ...nating pan) @ Six ... Sand @ Rs 10 Lakh ... (all are approved ... brackets 32 mm diameter ... with, arrangements with ... @ complying @ approved ... brackets, making and ... floor, column - required ... pan, complete as per		
= 1.00 / 1.00 No		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262943

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1.00 No	@ Rs. 362.96 / No			Rs. 362.0	
	(13) Removing white wash or colour wash by steel brushing and/or scraping, sand papering and preparing wall surface smooth including repairs to scratches, cost & complete as per Specifications						
	one side =	1	27.80	3.90	=	108.42	
	one side Hall =	1	18.60	2.90	=	53.94	
						162.36 m²	
			@ Rs 5.83 / sqm			Rs. 945.0	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
16	Extra for removing white wash or colour wash by steel brushing and/or scraping sand papering the ceiling and/or sloping rough surface smooth including repairs to cracks, cost of labour, complete as per Specifications.						
		1×1	9.90	× 4.0	=	39.60	
						39.60 sqm	
				@ Rs. 6.36/Sqm		Rs. 252.0	
18	Providing and fixing mandleing with a lead apto plastering and removing the defective	200 m.					
	For Kitchen	1×1	4.10	× 2.90	=	11.89	
	toilets	1×1	11.0	2.90	=	31.90	
						43.79 sqm	

Measured 20/7/18

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
16	Providing and ... plastering of ... including ... priming ... glue, ... and other ... even ... and ... complete as per ... Hall wall =

Contents	Reference to last Measurement
7	8
clean, wash thoroughly the ceiling including repairs to	
ker Specifications.	
39.60	
39.60 sqm	
Rs. 252.00	
roving the defining	
11.89	
31.90	
43.79 sqm	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262944

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		43.79 sqm		Rs. 23.32/sqm		Rs. 1021.00	
16	providing and applying distemper of approved brand and shade on wall surface including priming coats with distemper, primer, after thoroughly cleaning the surface from dirt, dust, efflorescence and other foreign matter, including preparing the surface evenly as per Specifications complete as per Manufacturers Instructions.						
	Hall wall =	1	18.70	2.90	=	54.23	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Store =	1×1	6.0	2.90	=	17.40	
						71.63 m²	
						Rs. 5011.0	
						Rs. 69.96/Sqm	
	(17) Extra over Item 15-14, 1 for applying gel board washable distemper on ceiling and/or sloping roof as per specifications.						
	For ceiling	1×1	9.90	4.0	=	39.60	
						39.60 m²	
						Rs. 189.0	
						Rs. 4.77/Sqm	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	(18) Providing Goji colour two coats with lime give an even shade to remove all dirt, matter, including cost specifications.	
	out side =	1×
	(19) Providing and apply	

Depth 6	Contents 7	Reference to last Measurement 8
=	17.40	
	71.63 m²	
	Rs. 5011.0	
	applying oil bound and / or slapping roy	
	= 39.60	
	39.60 m²	
	Rs. 189.0	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262945

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(18) Providing Gopi colour washing to new wall surface in two coats with lime and Gopi colour of approved quality to give an even shade after thoroughly brooming, the surface to remove all dirt, dust mortar drops, and other foreign matter, including cost of materials, labour, complete as per specifications.	1×1	18.70 ×	3.90 =	72.93		
	outside =				72.93 m²		
					Rs 10.00/sqm	Rs 773.0	
	(19) Providing and applying enamel and metal paint two coats						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(excluding priming coat) over new steel or other metal surface by rubbing to give an even shade after cleaning out grease dirt and other foreign matter including cost of all materials labour complete as per specifications						
	Door M D =	2	× 0.90	× 2.00	= 7.20		
	D =	2	× 0.90	× 1.75	= 4.90		
	Windows W =	2	× 0.90	× 1.20	= 4.32		
	V =	3	× 0.60	× 0.60	= 2.16		
	VI =	2	× 0.90	× 0.60	= 2.16		
						20.74 sqm	
			Say	83.74/sqm		Rs.	1737.0

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Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
20	providing applying	
	facey. landscape area.	
	mattane curve (com	
	give a tough. Elastom	
	surface the surface	
	dust and other par	
	=	1×1
	For roof	

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th	Depth 6	Contents 7	Reference to last Measurement 8
	new Steel or other		
	are an Iron Shade		
	and other foreign matter		
	labour, complete as per		
	2.00 = 7.20		
	7.75 = 4.90		
	1.20 = 4.32		
	0.60 = 2.16		
	0.60 = 2.16		
		20.74 m²	
	83.74/Sqm	Rs.	1737.0

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262946

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
20	Providing applying water proofing to roof Slab terr-						
	-ace, Roadside area, Podium, Etc. using modified Poly-						
	urethane cure (conforming to ASTM C836-84) to						
	give a tough, Elastomeric, waterproof membrane on the						
	surface the surface shall be cleaned free from						
	dust and other Particle before usage!						
	=	1×1	10.80	4.90	=	52.92	
						52.92 m²	
	For roof						
			Rs. 742.0/Sqm			Rs.	39267.0

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(24) Lead for disposal of debris shall be payable as carriage rate by mechanical means including loading & unloading lbs. from 13.30 kms						
	Qty vide Item no = (1)					7.46	
						7.46 m³	
	Rate Rs.114.08/cum					Rs 851.0	
						188798	
	* Work done is satisfactorily. (24.8.18) Grand Total Rs =					153433.50	
	* All debris cleared from the work spot						
						Rs: 1.87,213-	
	S. Narasimhaiah Contractor						

Assistant Executive Engineer, Yelahanka Zone, B.B.M.P., Bangalore

Assistant Executive Engineer, Kodigehalli Sub Division,

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of work
1	2

Audited & Admi
Cheque: 1.8
lakhs eigh
hundred nin
and Rs 64

Contents	Reference to last Measurement
7	8
...shall be payable to ... Executive Engineer	
7.46	
7.46 M³	
@ Rs 851.0	
188798	
Total Rs = 153433.50	
Rs: 1.87,213-	

Executive Engineer,
...halli Sub Division,

A. R. 57 (Rule 116)
...easurement Book

No. B

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age...
Date of commencement of work .....

...m..... To..... 262947

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Audited & Admitted for Rs 187213- Cheque: 1.80809-00 (Rupees One Lakhs eighty thousand eight hundred nine only ... by Cheque and Rs 6404-00 ... by assignment Accts Supdt 27/7/09 27/7/09					Total Rs: 1.87213-00 IT @ 1872-00 CCess @ 1872-00 CBF @ 187-00 LR - 1123-00 Fine - 1350-00 Assn - 6404-00 Cheque: 1.80809-00	